

Evolution of implant abutment connections-A review

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A study of implant to abutment connections is of paramount importance as it is the primary determinant of strength and stability of implant supported restorations which in turn determine the restoration's prosthetic stability.

Traditionally, the Branemark's external hexagon has been widely used but its significant complications such as abutment screw loosening, rotational misfit at implant abutment interface and microbial penetration have led to modification of external hexagon and the development of internal implant abutment connections.

This presentation describes the various implant abutment connections that have evolved over time from the traditional external hexagon.

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